WHAT IS CLAIMED:

1. A computer readable medium storing a computer program that provides a computer-based video recording and management system for medical procedures, the medium comprising:

a source code segment that inserts at least one time-mark into video footage upon receiving input from a user, the at least one time-mark capable of being inserted into the video footage real-time while the video footage is being recorded and post procedure during review; and

a source code segment that associates an index with the at least one time-mark, data capable of being input into the index real-time during a medical procedure and post-procedure during review.

2. The medium according to claim 1, wherein the index comprises data for at least one of a patient's name, medical finding, finding location, and free text.

3. The medium according to claim 2, wherein the data is transmitted from at least one of a medical instrument, microphone, footpedal/switch, mouse and computer keyboard operated by a user of the system.

4. The medium according to claim 1, further comprising a source code segment that extracts at least one portion of the video footage starting at a predetermined period of time before the at least one time-mark and ending at a predetermined period of time after the at least one time-mark.

5. The medium according to claim 4, wherein the at least one portion of video footage is concatenated with at least another portion of video footage into a shortened summary video clip.

6. A computer readable medium storing a computer program that enables recording and time-marking of significant events during a medical procedure in video footage, indexing patient data with the video footage, and then editing and accessing the video footage with patient data and diagnostic information from a database in an efficient and expedient manner, the medium comprising:

a source code segment that inserts at least one time-mark into the video footage;

a source code segment that associates an index with the at least one time-mark;

a source code segment that extracts at least one portion of the video footage at the at least one time-mark, wherein the at least one portion begins before the at least one time-mark and ends after the at least one time-mark;

a source code segment that concatenates the extracted at least one portion of video footage together with at least another portion of video footage into a shortened summary video clip; and

a source code segment that stores, both the video footage and shortened summary video clip with associated indices, into a searchable database.

7. The medium according to claim 6, further comprising a source code segment that maintains and updates at least one patient's medical record with at least one of data from the index, video footage, and still pictures from the medical procedure.

8. The computer readable medium according to claim 6, wherein the index comprises data fields for at least one of a name, medical finding, finding location, and free text.

9. The computer readable medium according to claim 8, wherein data for the index is capable of being input real-time during a medical procedure and post-procedure during review.

10. The computer readable medium according to claim 6, wherein the time-mark is inserted according to a user input device.

11. The computer readable medium according to claim 6, wherein the time-mark is capable of being input in real-time during a medical procedure and post-procedure during review.

12. The computer readable medium according to claim 6, further comprising a source code segment that notifies whether the insertion of the at least one time-mark was successful or failed, by displaying a message on a monitor.

13. The computer readable medium according to claim 6, further comprising a source code segment that provides a specialty video player

14. The computer readable medium according to claim 13, wherein the specialty video player includes a playback speed control which provides for playback speeds ranging from a reduced speed to an accelerated speed as compared to a normal speed.

15. The computer readable medium according to claim 13, further comprising a source code segment that enables jumping backward to a previous time-mark or jumping forward to a next time-mark.

16. The computer readable medium according to claim 13, further comprising a source code segment that provides a capture still image feature which stores a still picture within at least one patient's medical record.

17. The computer readable medium according to claim 13, further comprising a source code segment that provides a create marker and delete marker feature which allows for the creation and deletion of the at least one time-marker within the video footage.

18. The computer readable medium according to claim 6, further comprising a source code segment which provides a voice activated data entry system allowing data to be entered via voice.

19. A computer-based video recording and management system, used in conjunction with medical diagnostic equipment, which allows recording and time-marking of significant events during a medical procedure on video footage, indexing patient data with the video footage, and then editing or accessing the video footage with patient data from a database in an efficient manner, the system comprising:

at least one input device that inserts at least one time-mark into the video footage; and

at least one workstation that associates an index with each time-mark, extracts at least a portion of the video footage at the at least one time-mark beginning before

and ending after the at least one time-mark, concatenates the at least one portion of the video footage with at least another portion of video footage into a shortened summary video clip, and stores both the video footage and summary video clip into a searchable database.

20. The system according to claim 19, in which the at least one input device comprises a medical instrument having a video source, the video source being connected to the at least one workstation.

21. The system according to claim 19, wherein the at least one workstation maintains at least one patient's medical record.

22. The system according to claim 19, wherein the index comprises data fields for at least one of a name, medical finding, finding location, and free text.

23. The system according to claim 22, wherein data for the index is capable of being input real-time during a medical procedure and post-procedure during a review period.

24. The system according to claim 19, wherein the at least one workstation is connected to a network.

25. The system according to claim 24, wherein the at least one workstation is connected to the network via an Internet connection.

26. The system according to claim 24, further comprising at least one file server having a video storage array connected to the network which stores at least one patient's medical record.

27. The system according to claim 20, wherein the medical instrument comprises an endoscope.

28. The system according to claim 20, wherein the medical instrument comprises one of an ultrasound device, flouroscopy device, x-ray device and surgical camera.

29. The system according to claim 19, wherein the input device comprises a foot pedal/switch, microphone, mouse, and computer keyboard.

30. The system according to claim 19, wherein when the input device is activated, the system encapsulates data with the video footage for indexing purposes.

31. The system according to claim 24, wherein the network comprises a peer-to-peer network.

32. The system according to claim 26, wherein the database is located in one of the at least one workstation and the at least one file server.